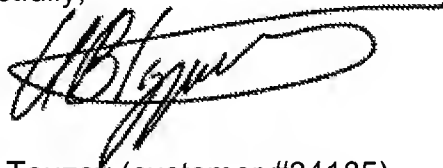of unknown external and/or internal distortions applied to the subject of monitoring" (paragraph 13). Because of said uncertainty (distortions are unknown), the teaching of referenced prior art provides no solution as it is impossible to train pattern recognition system to recognize unknown pattern. When abnormal pattern is not known the methods disclosed in the prior art become inadequate, while the method of instant invention prevails in this scenario.

2) Unlike referenced prior art, instant invention teaches of stateful evolution of characteristics (that at some cases may be considered as patterns) (paragraph 21). It further teaches that not patterns themselves but rather progression of the change (Figure 1, paragraphs 21, 22, 35) is the factor that shall be used to predict the failures.

   None of referenced prior arts provides any indication that this original approach to failure prediction was intended or anticipated, and there are no obvious or trivial ways to deduct it.

Attached are amended claims in form that remove ambiguity in view of Breed's publication and all referenced prior art. Herein I certify that none of provided changes introduce any new matter to instant invention.

Respectfully,

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